

PTO-1449

O I P Information Disclosure Citation
in an Application

FEB 12 2003
U.S. PATENT AND TRADEMARK OFFICE

Application No.
10/022,753

Applicant(s)
Nicholas A. Schuneman, et al.

Docket Number
004578.1193

Group Art Unit
Unknown

Filing Date
12/14/2001

U.S. PATENT DOCUMENTS

	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
A	6,008,770	12/28/99	Sugawara	343	767	
B						
C						
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E						
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G						
H						
I						
J						
K						
L						

FOREIGN PATENT DOCUMENTS

	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
M	0,343,322	11/29/89	EPC				(N/A)
N							
O							

NON-PATENT DOCUMENTS

DOCUMENT (Including Author, Title, Source, and Pertinent Pages)

P	Chio, et al., "Large Wideband Dual-Polarized Array of Vivaldi Antennas with Radome", 1999 Asia Pacific Microwave Conference (Singapore), IEEE, Piscataway, New Jersey, November 30, 1999, pages 92-95.
Q	
R	

EXAMINER	DATE CONSIDERED
Shih -hao che	6/27/03

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

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						YES	NO
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N							
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NON-PATENT DOCUMENTS**DOCUMENT (Including Author, Title, Source, and Pertinent Pages)**

P	U.S. Serial No. 10/023,229, filed December 14, 2001, entitled "Balun and Groundplanes for Decade Band Tapered Slot Antenna and Method of Making Same", inventors James M. Irion II, et al. (Attorney Docket 004578.1140).
Q	U.S. Serial No. 09/946,848, filed September 4, 2001, entitled "Method and Apparatus for Increasing Bandwidth of a Stripline to Slotline Transition", inventors James M. Irion II, et al. (Attorney Docket 004578.1150).
R	U.S. Serial No. 10/023,800, filed December 14, 2001, entitled "Decade Band Tapered Slot Antenna, and Method of Making Same", inventors Nicholas A. Schuneman, et al. (Attorney Docket 004578.1194).

EXAMINER	DATE CONSIDERED
Shih-Wei Chen	6/27/03

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	Docket Number 004578.1193	Group Art Unit Unknown	Filing Date 12/14/2001

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C	A	4,843,403	06/27/89	Lalezari, et al.	343	767	
C	B	4,853,704	08/01/89	Diaz, et al.	343	767	
C	C	5,036,335	07/30/91	Jairam	343	767	
C	D	5,081,466	01/14/92	Bitter, Jr.	343	767	12/14/2001 J503 U.S. PTO 10/22/01
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FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
K								
L								
M								

NON-PATENT DOCUMENTS

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N	Schaubert, Daniel H., "Wide-Band Phased Arrays of Vivaldi Notch Antennas", Antenna Laboratory, University of Massachusetts, pp. 1.6 and 1.9-1.12, undated.
O	Pickles, W. R., et al., "Ultra-Broadband Phased-Array Antenna", U.S. Naval Research Laboratory, pp. 1-6; undated.
P	Shin, Joon, et al., "A Parameter Study of stripline-Fed Vivaldi Notch-Antenna Arrays", IEEE Transactions on Antennas and Propagation, Vol. 47, No. 5, May 1999, pp. 879-886.
Q	Chio, Tan-Huat, et al., "Parameter Study and Design of Wide-Band Widescan Dual-Polarized Tapered Slot Antenna Arrays", IEEE Transactions on Antennas and Propagation, Vol. 48, No. 6, June 2000, pp. 879-886.
R	Kragalott, Mark, et al., "Design of a 5 : 1 Bandwidth Stripline Notch Array from FDTD Analysis", IEEE Transactions on Antennas and Propagation, Vol. 48, No. 11, November 2000, pp. 1733-1741.
S	Lee, Hai Fong, et al., "Advances in Microstrip and Printed Antennas", John Wiley & Sons, Inc., New York, 1997, two title pages and pp. 447-453 and 510-514.
T	Simon, K., "MMIC Compensation Network for Phased Array Element Mismatch", Raytheon Company, Research Division, September 14, 1990, 68 pages.

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<i>Shih-Moo Che</i>	<i>6/27/03</i>

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